

U.S. PATENT & TRADEMARK OFFICE  
WASH. D.C.  
JAN 14 2002

Practitioner's Docket No.:SST/0816

*PATENT*

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Commins, Alfred D. ; Gregg, Robert C. ; Leek, William F.;  
Colonias, Karen W.; and Linn, Arthur R.  
Application No.: 08/975,940 Group No.: 3635  
Filed: 11/21/1997 Examiner: Stephan, B.  
For: Building Wall for Resisting Lateral Forces

**Commissioner for Patents  
Washington, D.C. 20231**

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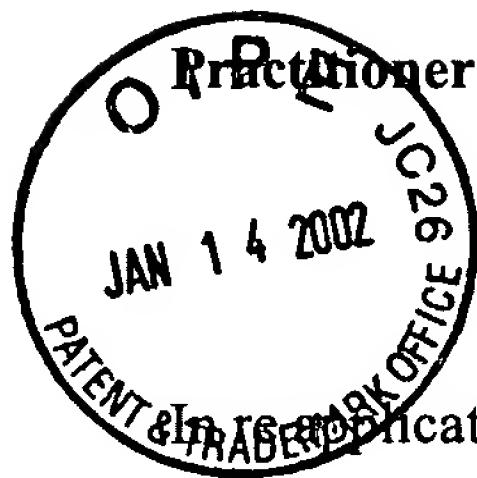
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Practitioner's Docket No. SST/0816

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*In re* application of: Commins, Alfred D. ; Gregg, Robert C. ; Leek, William F.; Colonias, Karen W.; and Linn, Arthur R.

**Commissioner for Patents  
Washington, D.C. 20231**

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT  
WITHIN THREE MONTHS OF FILING OR  
BEFORE MAILING OF FIRST OFFICE ACTION (37 C.F.R. section 1.97(b))**

**IDENTIFICATION OF TIME OF FILING THE ACCOMPANYING  
INFORMATION DISCLOSURE STATEMENT**

The information disclosure statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. 37 C.F.R. section 1.97(b).

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Chris Relyea

(Transmittal of Information Disclosure Statement Within Three Months of Filing or Before Mailing of First Office Action--page 1 of 2)

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Date: December 21, 2001

Charles R. Cypher

Charles R. Cypher  
Registration No. 41694  
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405 14th Street, Suite 1607  
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1138  
3/16/02  
PATENT

Practitioner's Docket No. SST/0816

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Commins, Alfred D. ; Gregg, Robert C. ; Leek, William F.; Colonias, Karen W.; and Linn, Arthur R.

Application No.: 08/975,940

Group No.: 3635

Filed: November 21, 1997

Examiner: Stephan, B.

For: Building Wall for Resisting Lateral Forces

Commissioner for Patents  
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

List of Sections Forming Part of This Information Disclosure Statement

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(Information Disclosure Statement--page 1 of 1)

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The following sections are being submitted for this Information Disclosure Statement:

1. Preliminary Statements
2. Forms PTO/SB/08A and 08B (formerly Form PTO-1449)
3. Copies of Listed Information Items Accompanying This Statement
4. Concise Explanation of Non-English Language Listed Information Items
5. Translation(s) of Non-English Language Documents
6. Concise Explanation of English Language Listed Information Items (Optional)
7. Identification of Person(s) Making This Information Disclosure Statement

(Information Disclosure Statement--page 2 of 11)

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**Section 1.      Preliminary statements**

Applicants submit herewith patents, publications or other information, of which they are aware that they believe may be material to the examination of this application, and in respect of which, there may be a duty to disclose.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. section 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

(Information Disclosure Statement--page 3 of 4)

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**Section 3. Copies of Listed Information Items Accompanying This Statement**

Legible copies of all items listed in Forms PTO/SB/08A and 08B (substitute for Form PTO-1449) accompany this information statement.

#### **Section 4. Concise Explanation of Non-English Language List Information Items**

1. DE 295,837, invented by H. Basse, published 06/19/1912:

This patent teaches the construction of a door strengthened by cross-members.

2. EP 0 468 949 A1, invented by J. Wolf, published 06/26/1991:

This patent appears to teach the construction of the walls of a building from building frames, some of which are diagonally braced.

3. FR 2 599 408, invented by J. Rubat, published 12/04/1987:

This patent appears to teach the construction of at least the walls of a building from building frames.

**Section 5. Translation(s) of Non-English Language Documents**

Submitted herewith is an English translation of the following foreign language patents, publications or information or of those portions of those patents, publications or information considered to be material:

1. DE259837, invented by H. Basse, published by June 19, 1912.

(Please see the attached copy of the English translation)

## IMPERIAL PATENT OFFICE



**PATENT**  
**No. 259837**

**cl. 37d. Group 18**

**Heinrich Hermann Basse**  
**in Mühle Holtensen near Weetzen, Hann.**

**Stiffening Cross for Doors and Other Wood Boards**

Patented in Germany from June 19, 1912 on

To prevent buckling and deformation of doors and other wood boards, plane crosses were inlaid into the door. According to this invention, the stiffening cross should not be plane; rather, its arms must slope into the door surface.

Drawing 1 shows a stiffened door, according to this invention, without a frame. Drawing 2 shows a cut in the A-B plane. Drawings 3 and 4 show details of the crossover of the two arms.

The stiffening of the door or board is brought about by fitting the two crossing beams into the door and into the corners of a frame, while a filling piece is inserted at the crossover at point *a* to serve as an expansion wedge.

**Claim:**

A stiffening cross for doors and other wood boards characterized in that the strengthening is due to two cross beams encased in the corners of a frame while a filling piece at the crossover serves as an expansion wedge.

## **Section 6. Concise Explanation of English Language Listed Information Items**

Applicant would like to call the examiner's attention to the following listed references:

U.S. Patent 1,849,273;

U.S. Patent 6,158,184;

U.S. Patent 6,244,004;

AU 549,294; and

AU 715517

also:

1. US Patent No. 2,191,804, issued on February 27, 1940, invented by A.F. O'Malley, was previously submitted as a prior art reference on August 6, 1998, under the incorrect patent number of 2,191,904. Applicant is hereby submitting the same reference again with the correct information as listed in form PTO/SB/08A.
2. US Patent No. 4,037,381, issued on July 26, 1977, invented by F. Charles, was previously submitted as a prior art reference on August 6, 1998, under the incorrect patent number of 4,037,281. Applicant is hereby submitting the same reference again with the correct information as listed in form PTO/SB/08A.
3. Breyer, Donald E., Design of Wood Structures, 1993, Chapter 3, §§ 3.1,3.3, 3.4 and Chapter 10 was previously submitted as a prior art reference on March 27, 2000. Applicant is hereby submitting additional Chapters of the same book listed as follows: Chapters 8, 9, 11 and §§ 12.1 and 12.9 of Chapter 12.

**Section 7. Identification of Person Making This Information Disclosure Statement**

The person making this certification is:

a. the practitioner who signs below on the basis of the information in the practitioner's file.

Date: 12/26/01

Charles R. Cypher

Charles R. Cypher  
Registration No. 41694  
Law Offices of James R. Cypher  
405 14th Street, Suite 1607  
Oakland, CA 94612  
510-832-4111  
Customer No. 498

*ccr 12/26/01*  
(Information Disclosure Statement--page 11 of 16)

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Substitute for form 1449A/PTO		<i>Complete if Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Application Number	08/975,940
		Filing Date	11/21/1997
		First Named Inventor	Alfred D. Commins
		Group Art Unit	3635
		Examiner Name	Stephan, B.
		Attorney Docket Number	SST/0816
Sheet	1	of	1

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

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**Substitute for form 1449B/PTO**

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(use as many sheets as necessary)*

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***Complete if Known***

Application Number .	08/975,940
Filing Date	11/21/1997
First Named Inventor	Alfred D. Commins
Group Art Unit	3635
Examiner Name	Stephan, B.
Attorney Docket Number	SST/0816

#### OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		"Tremor spurs builder to create anti-quake frame," Daily Press (Victorville, California), p. A-4 (1pg), ( April 26, 1999).	
		"P.T. Brace," Roll Form Industries Pty Ltd (Acacia Ridge, Qld.), (2 pgs).	
		Simpson Strong-Tie Company, Inc. Catalogue, "Handbook of Structural Designs & Load Values," Strong-Tie Timber Connectors (2pgs), ( September 20, 1978).	
		DONALD E. BREYER, "Design of Wood Structures," 3rd ed., McGraw-Hill, Inc., (100 pgs), ( December 20, 1993).	

Examiner  
Signature

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached

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